

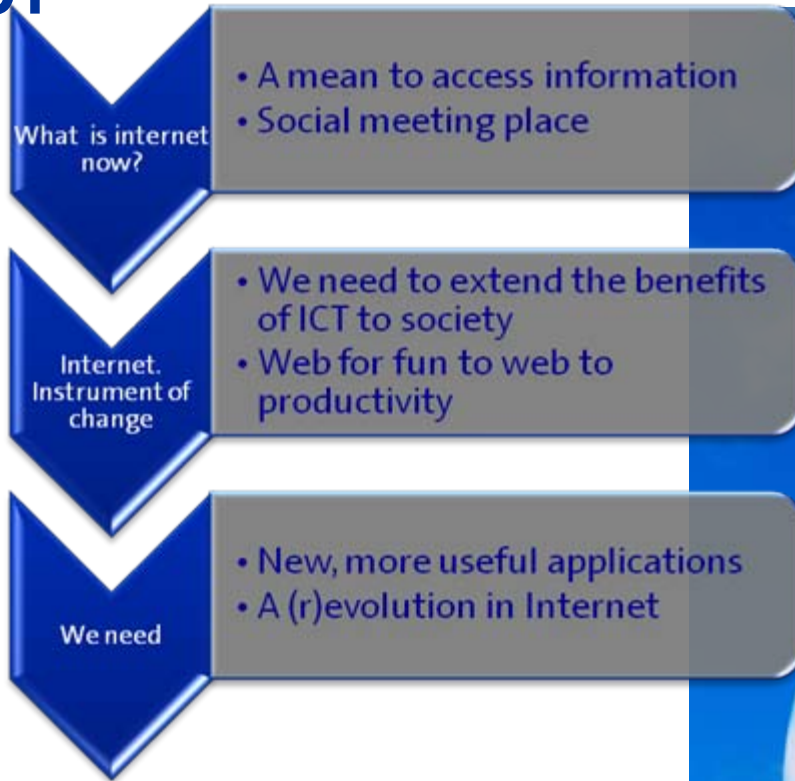
INTERNET FOR THE FUTURE. THE MEDIUM TERM EUROPEAN CHALLENGE

José Jiménez.
Telefónica I+D
Chair es.INTERNET platform



Plataforma Tecnológica de Convergencia hacia Internet del Futuro

We need to push a radical transformation of society through ICT



It will be performed bringing ICT closer to the citizens

The new Internet

- The objective is to bring greater value to citizens
- Investing where the needs are

We have to focus to the people

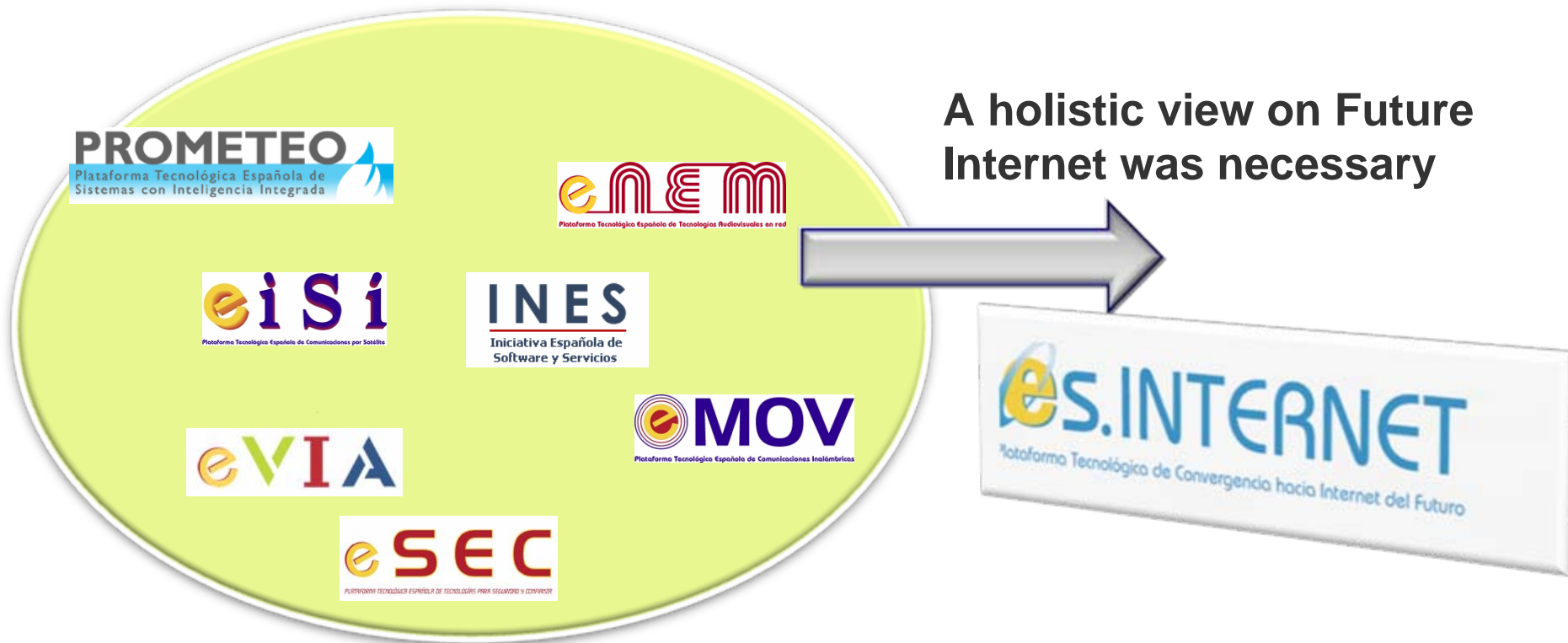
- connected "anytime, anywhere and with any device"
- enhance his quality of life applied in many aspects

We believe in a decentralized

- International
- National
- Regional

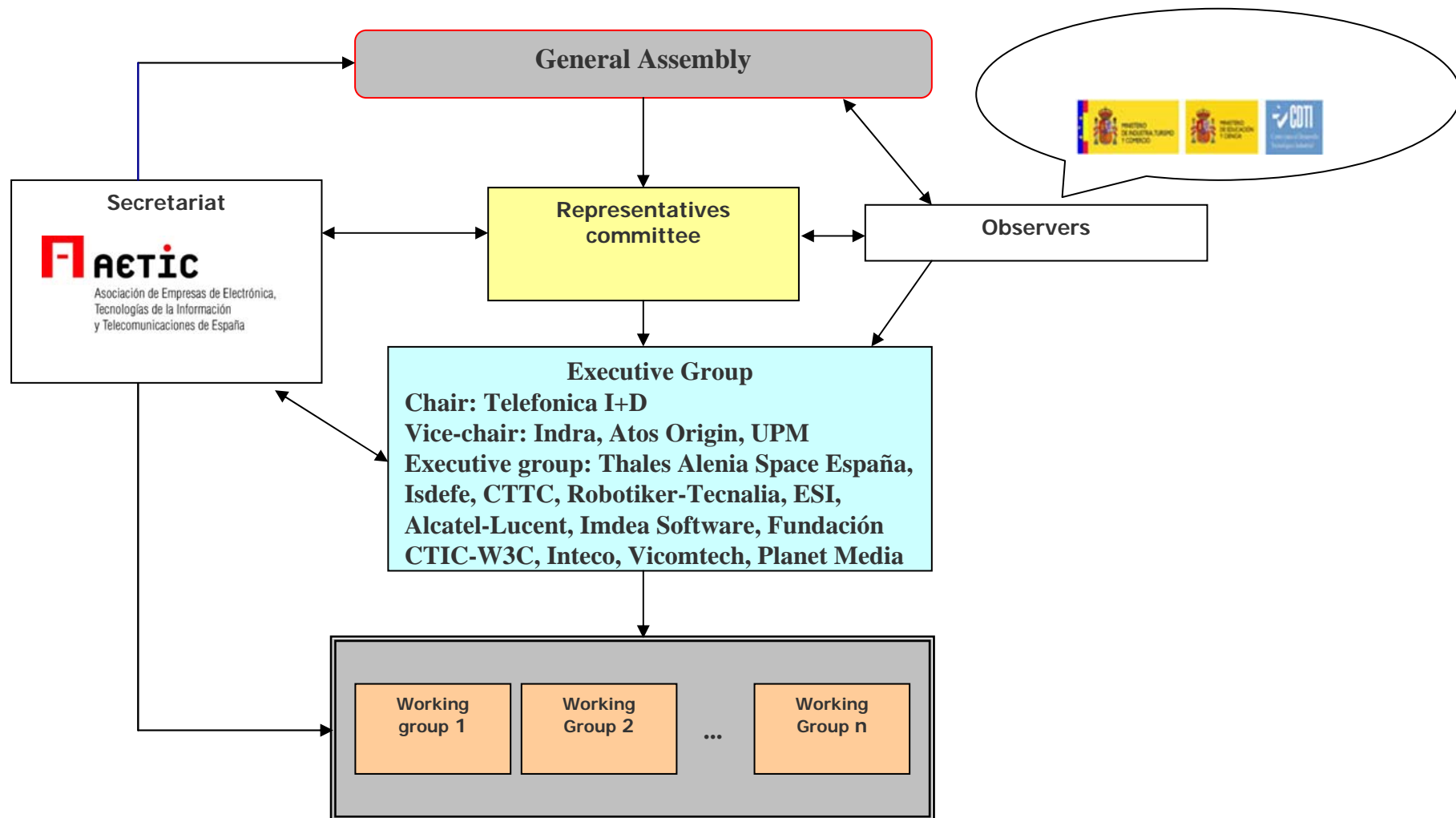


The Spanish response to the Challenge



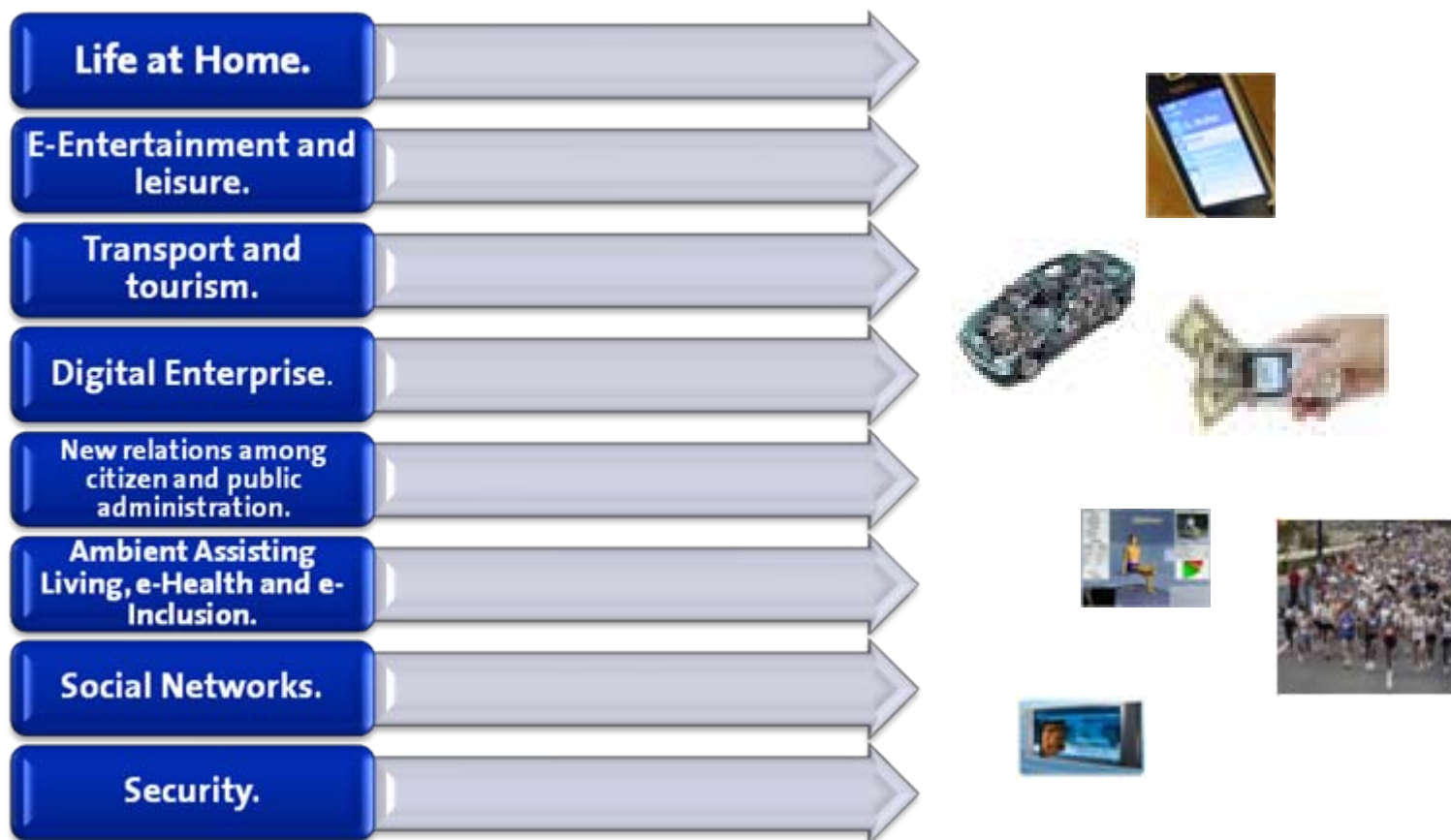
Future Internet is conceived as the future telecommunication network meaning by network, infrastructures, contents, services, things and having the user as its centre.

es.INTERNET organization

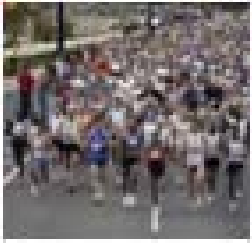


Our vision

The long term aim will be that people can be connected “anytime, anywhere and with any device” what must contribute to enhance his/her quality of life applied in many aspects

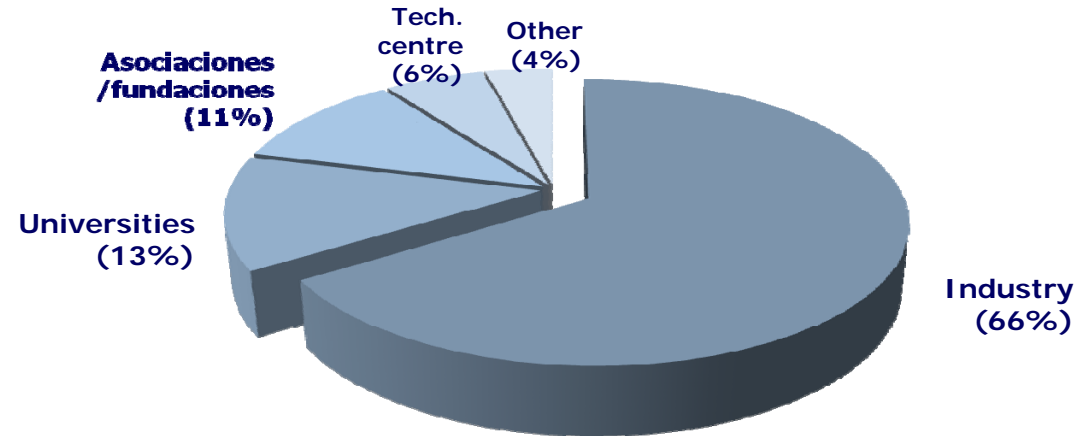


Some figures about the platform

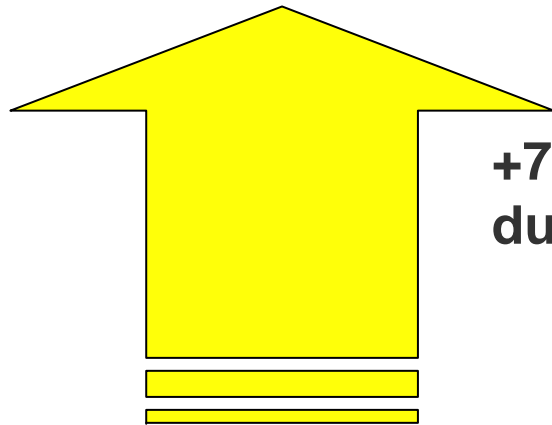


More than 300 members (66% industrial actors)

Industry is leading



Very active platform



+70 R&D project proposals were promoted during 2009

2 General assemblies and 7 Steering Council meetings during 2009



Tractors and passengers are motivated

Some figures about the platform

**Clear orientation towards potential users
and strategic markets**

Meetings already organized with ...

Tourism association

Automotive technology platform

Maritime transportation technology platform

eHealth and Ambient assisting living technology Platform

Security technology platform

**Further cooperation will be explored
with other potential user sectors**

Energy

Education

Construction

Our objectives

Ensuring coherence of action and avoid fragmentation of efforts

- economies of scale to have a sound competitive position

Promoting the collaboration between industry and academia

- ensuring better planning, with special focus on SMEs, who could benefit of the “tractor” effect

Guaranteeing continued funding from the public administration

- allow a long-term investment in R+D+i reducing the associated risks.

Raising awareness of the importance of the development of Internet

- showing the applicability of the net in many social services which might greatly enhance their quality of life.

Improving the regulatory framework,

Ensuring interoperability of systems, terminals and networks

- facilitating the standardization work.

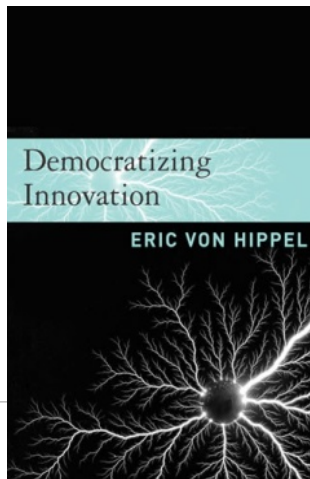
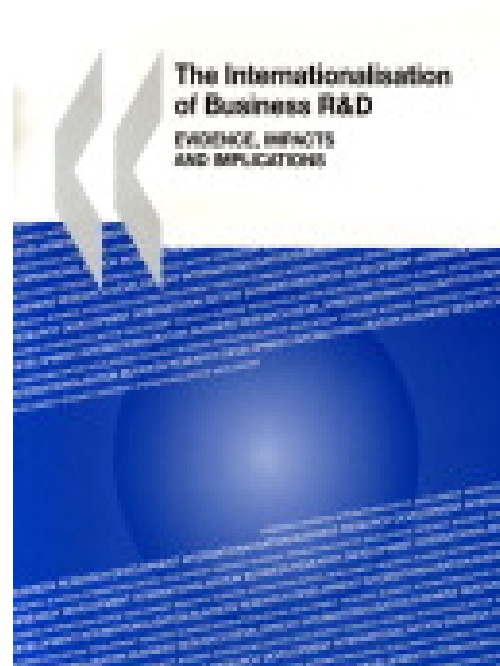
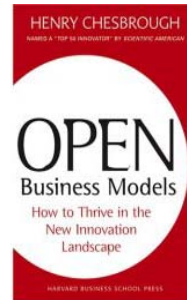
Promoting internationalization of Spanish industry

- participation in international R&D programmes.

We should avoid
the risk of relying
on unconnected
initiatives



This is an OPEN platform



The es.INTERNET platform. Our goals,
trying to avoid dispersion of initiatives



Plataforma Tecnológica de Convergencia hacia Internet del Futuro



Our goals

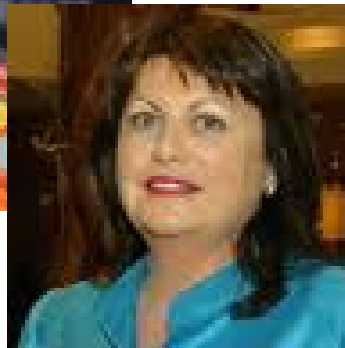
First objective: the Strategy



Promote projects: Traction effect



Collaborate with the administration





Most important: Being close to the market



An objective but not THE objective: Participate in the VII/VIII FP



- **ICT Industry is leading, but we are involving others**
 - Public stakeholders and actors in sectors such as healthcare, mobility, environment and energy management
 - Research centers
 - End users, defining requirements and validating solutions
 - Third parties (e.g. SME) exploring the platform to build new services and applications

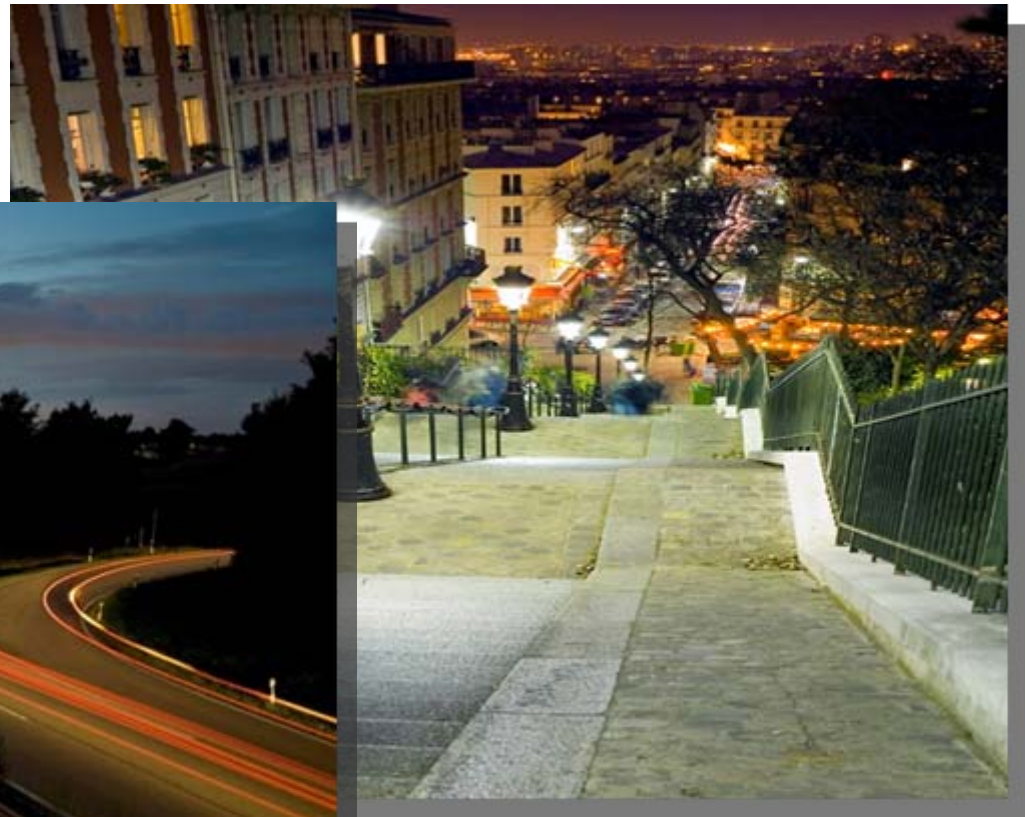


We must go beyond the collaboration in ETP !!



But also involving people !!

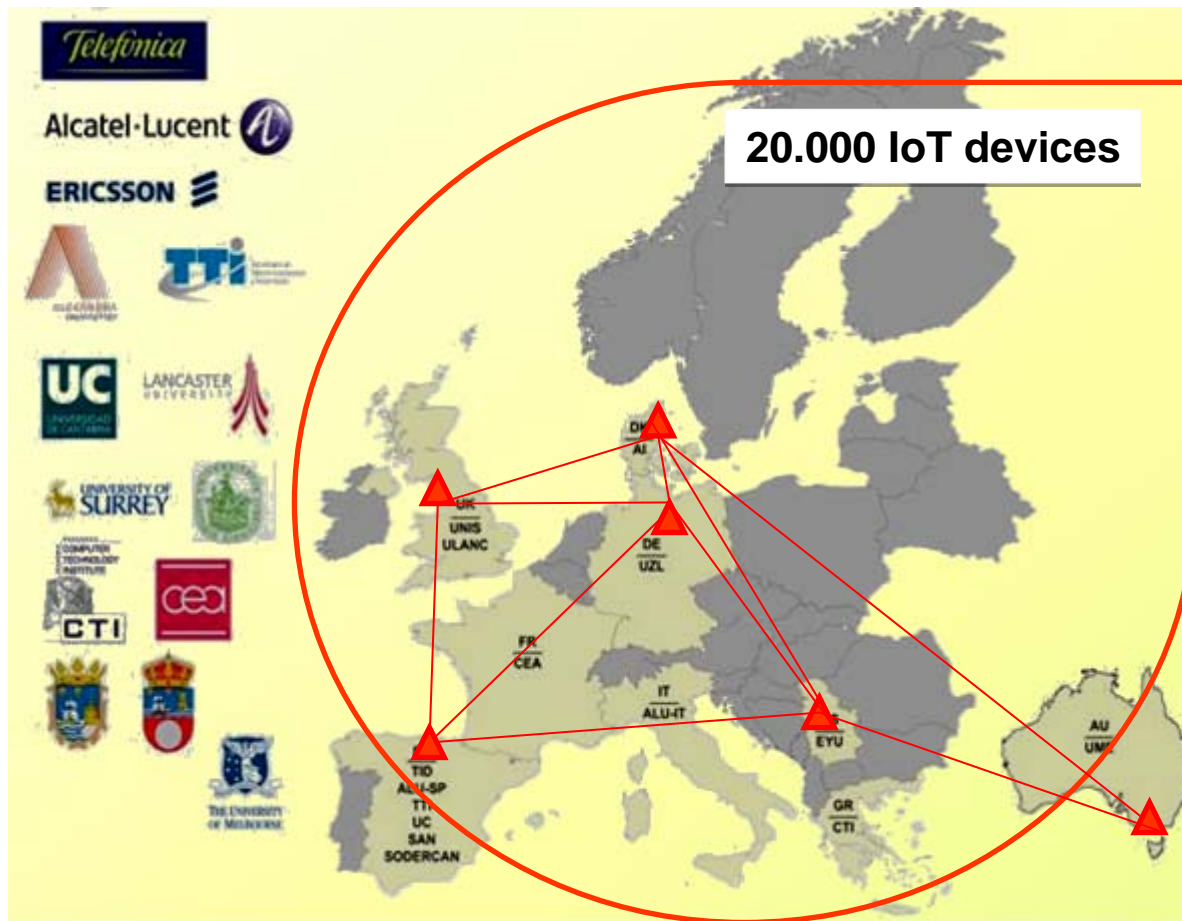
- Demonstrations will be carried out in a number a selected locations
- Smart city as the paradigm...



Smart Santander



Smart Santander aims at providing a European experimental test facility for the research and experimentation of architectures, key enabling technologies, services and applications for the Internet of Things (IoT) in the context of the smart city.



Smart Santander Highlights

- **Targeting:**
 - Researchers
 - End users
 - Service providers
- **Duration**
36 months
- **Consortium**
15 Organisations
8 EU countries + AU

SmartMobility@BasqueCountry



- A region-wide, coordinated partnership to stimulate innovations for the benefit of citizens, enterprises and administrations with a large-scale platform for a safer, more efficient, greener and designed-for-all smart mobility, based on advanced communication infrastructures and concepts, bringing together the cross competence of related sectors.
- The **main objectives** of the SmartMobility@BasqueCountry Initiative are:
 - 1) Increase the effectiveness of open innovation initiatives around the SmartMobility concept
 - 2) Put a long-term research target in the agenda of key stakeholders
 - 3) Maximizing the societal impact with demonstration in a period of 6 years
- Final goals:
 - 15% - 20% reduction of carbon emission
 - 15% - 20% reduction of congestion cost
 - 15% - 20% reduction of accidents
 - 15% - 20% reduction of transportation time
- **Implementation plan:**
 - 6 years, 150 m€
 - Open ecosystem of more than 60 stakeholders
 - Flexibility, Large-scale / disruptive concepts, R&D / Living Labs / Trials and demonstrators



Smart Barcelona



- Contacts with Barcelona municipality in order to define Barcelona participation in smart cities
- Workshop in TID BCN with Municipality (TBD)
- Telefónica user behavior study during next months
- Shared Bicycling as a Sensor Human Behavior



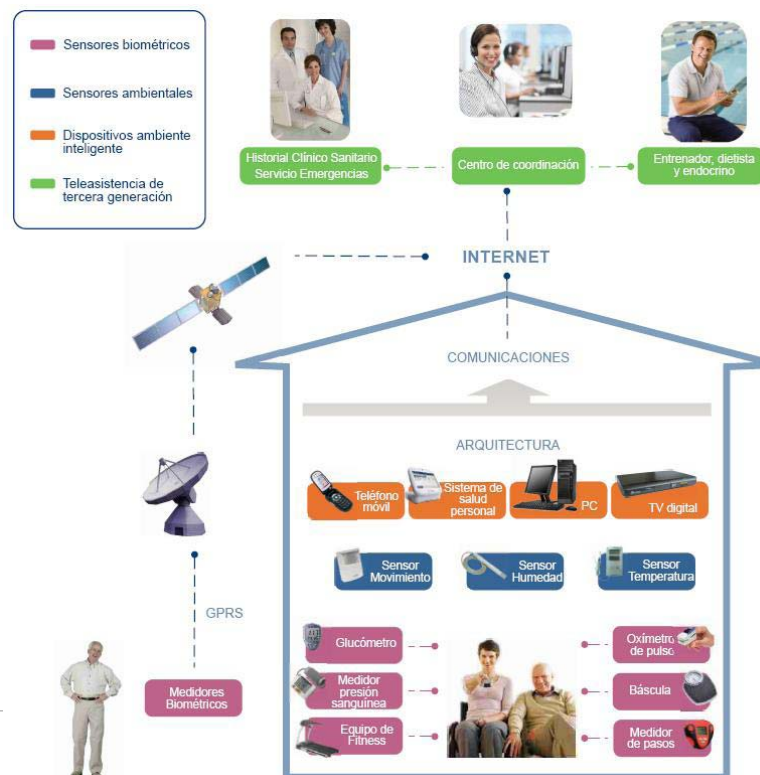
Accessing film content on the move

- Equip tourists, citizens and professionals with a media rich platform that not only stores information for easy access, but also enables them to generate their own content, through a handheld viewing device combined with binoculars enabled with mixed reality technologies



Personal and personalized health systems

- ICT based solutions integrating smart biosensors and medical devices, platforms and services enabling remote personalized patient's treatment and patient's involvement in their own follow-up, especially for chronic patients (e.g. diabetes, HTA, mental disorders, etc), monitoring and follow-up, tele-rehabilitation, etc.





The screenshot shows the 'portal de la innovación' website. The header features the logo 'I+D+i portal de la innovación' and a navigation bar with 'Inicio - Corporativo'. A left sidebar contains a 'Presentación' menu with links like 'AproTECH', 'AproTECH LatAM', 'OTRI', and 'plataformastecnologicas'. The main content area is titled 'presentación I+D+i' and contains a paragraph about the future of nations, a list of objectives, and information about the 'Comisión de Innovación y Desarrollo Tecnológico'. A right sidebar includes a login section, a subscription form, a mailbox icon for 'Dudas y consultas', and a 'notas de prensa' section with several news items. The footer shows logos for 'APROTECH' and 'eISI'.

Inicio - Corporativo

Presentación

- AproTECH
- AproTECH LatAM
- OTRI
- plataformastecnologicas**
- eISI
- eMOV
- eNEM
- eSEC
- es.INTERNET
- eVIA
- RedHOTECH
- PTE Agua
- Agenda I+D+i
- Actualidad
- Notas de prensa
- Documentos
- Enlaces de Interés
- Únete a nosotros

presentación I+D+i

El futuro de las naciones se escribe hoy con referencia a las siglas **I+D+i**, o lo que es lo mismo, Investigación, Desarrollo e Innovación, porque marcan los índices de la competitividad de todos los sectores productivos y, muy especialmente del hipersector eTIC (Electrónica, Tecnologías de la Información y Telecomunicaciones) representado por AETIC, condicionan la balanza comercial y lastran o impulsan el avance científico, tecnológico y social de un país.

AETIC cuenta con un departamento de I+D+i constituido por un equipo multidisciplinar de profesionales con amplia experiencia en la materia, bajo la supervisión de la Comisión de Innovación y Desarrollo Tecnológico de AETIC.

objetivos

- Defender los intereses de la industria del sector TIC en materia de I+D+i frente a las Administraciones Públicas.
- Promover la participación efectiva de las empresas del Sector Electrónico, de Tecnologías de la Información y Telecomunicaciones, con especial atención a la PYME, en:
 - Programas Europeos de Investigación, Desarrollo e Innovación, en particular, Programa Marco de I+D y Programa Marco para la Competitividad y la Innovación (CIP).
 - Otros programas internacionales: EUREKA, IBEROEKA, EUROSTARS.
 - Plan Nacional de I+D+i y sus respectivos Programas Nacionales y Acciones Estratégicas.
 - Planes Autonómicos de I+D+i.
- Facilitar el acceso a las fuentes de financiación de la I+D+i.
- Dinamizar el sector de cara a la formación de consorcios singulares y estratégicos para el desarrollo de proyectos en colaboración.

Para alcanzar estos objetivos el Departamento cuenta con los siguientes instrumentos:

Comisión de Innovación y Desarrollo Tecnológico

Promover el desarrollo de la Sociedad de la Información mediante el estímulo de la innovación y de su cultura en las empresas del sector.

Oficina de Proyectos Europeos, AproTECH

Fomento de la participación de las

Plataformas Tecnológicas Españolas

eISI

Identificación

Usuario

☐ Olvidé mi contraseña

Formulario de Suscripción

Dudas y consultas Propiedad Industrial e Intelectual

infotIC

Acceso al último boletín INFOTIC

notas de prensa

- El sector de las Nuevas Tecnologías será clave para el cambio de modelo productivo de la economía
- El departamento de I+D+i de AETIC participa en la Asamblea General de la plataforma INE
- La Comisión Europea organiza un Día de Información conjunta sobre las Public-Private Partnership
- Se celebra la conferencia final del Programa BSP para Bulgaria, Rumanía, Croacia y Turquía
- Tercera Reunión Ejecutiva del Proyecto ICT BSP